

Title (en)

Nacelle assembly having inlet bleed

Title (de)

Gondelanordnung mit Einlassentlüftung

Title (fr)

Ensemble de nacelle ayant une purge d'entrée

Publication

**EP 2072398 A3 20120509 (EN)**

Application

**EP 08253891 A 20081205**

Priority

US 95637207 A 20071214

Abstract (en)

[origin: EP2072398A2] A nacelle assembly (14) for a turbine engine (10) has a cowl (18). The cowl (18) extends along an axis (A) and has an exterior surface (30) spaced from an interior surface (34). The interior surface (34) forms an air inlet (38) for directing airflow to the turbine engine (10). An opening (58) is disposed on the cowl (18). A device (46) for creating suction through the opening (58) is in fluid communication with the opening (58). The opening (58) removes a portion of a boundary layer flow through the cowl (18), thereby providing higher energy flow along the interior surface (34).

IPC 8 full level

**B64D 33/02** (2006.01)

CPC (source: EP US)

**B64D 33/02** (2013.01 - EP US); **B64D 2033/0226** (2013.01 - EP US); **B64D 2033/0286** (2013.01 - EP US)

Citation (search report)

- [X] US 4993663 A 19910219 - LAHTI DANIEL J [US], et al
- [A] US 5934611 A 19990810 - TINDELL RUNYON H [US], et al
- [A] US 2005081530 A1 20050421 - BAGNALL ADAM M [GB], et al

Cited by

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

**EP 2072398 A2 20090624**; **EP 2072398 A3 20120509**; US 2009155046 A1 20090618; US 8192147 B2 20120605

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